

**Table S1. 11 items of real-time tissue elastography (RTE) images**

Index	Definition	Contents
MEAN	Average of relative strain	Average value of strain in the ROI classified in 256 scales from the average of strain
SD	Standard deviation	Standard deviation of relative strain in the ROI
AREA	Area of blue parts	Ratio of pixels of relative strain in the ROI which is lower than threshold=Pixels lower than threshold/Pixels in the ROI
COMP	Complexity	Divide relative strain in the ROI in 2 types to detect the blue parts. Calculate the complexity from the boundary length and area of blue parts. Complexity=boundary length <sup>2</sup> /Area
SKEW	Skewness	Tertiary center moment. Used as a scale of asymmetry
KURT	Kurtosis	Quartic center moment. This value gets bigger when a part of value is far from others. If all values are near the average, this value gets smaller.
CONT	Contrast	This value gets bigger when matrix value is distributed far from main diagonal. In other words, it means big concentration difference,
ENT	Equality	This value gets bigger when values are allotted equally.
IDM	Complication	Measure Complication.
ASM	Uniformity	This value gets bigger when specific pairs of pixels exist a lot.
CORR	Correlation	This value gets the biggest when the value of matrix actor is distributed on main diagonal. Equality in $\sigma$ direction. Access the texture's direction.